

CLAIMS

What is claimed is:

1. A method for developing data for a mobile information system comprising:
receiving information preferences from a plurality of subscribers to said mobile information system;
aggregating said information preferences;
transmitting said aggregated information preferences to one or more data source providers; and
assembling data for said mobile information system using said aggregated information preferences.
2. The method of claim 1 further comprising:
separating said information preferences according to one of a plurality of channels of said mobile information system.
3. The method of claim 2 wherein said transmitting comprises:
transmitting said aggregated information preferences to one or more data source providers responsible for providing said data for said one of said plurality of channels.
4. The method of claim 1 further comprising:
transmitting said assembled data to said mobile information system; and
sending subscriber-specific feed data streams to each one of said plurality of subscribers according to said information preferences entered by said plurality of subscribers.
5. The method of claim 4 further comprising:
determining which of said plurality of subscribers are connected to said mobile information system; and
wherein said sending step comprises:
sending subscriber-specific feed data streams to connected ones of said plurality of subscribers.

6. The method of claim 4 further comprising:
checking assigned bandwidth limitations for each of said plurality of subscribers; and
wherein said sending step comprises:

sending subscriber-specific feed data streams to ones of said plurality of
subscribers whose assigned bandwidth limitations has not been exceeded.

7. The method of claim 1 wherein said data is contained in a data document, wherein
said data document is created from a data-descriptive meta-language.

8. The method of claim 7 wherein said data document is obtained by one of:
polling a Web site containing a formatted data document;
polling a data server containing an unformatted data document, wherein an data style
layout transform is used to transform said unformatted data document into a formatted data
document;

using a library resource to push said data document to said mobile information system;
and

running a data development server to:

gather data from said data source provider;
convert said data into said data document; and
transmit said data document to said mobile information system.

9. A system for compiling data for a mobile rich media information system comprising:

means for gathering information preferences from a plurality of subscribers to said mobile rich media information system;

means for assembling said information preferences into an aggregate preference;

means for transmitting said aggregate preference to at least one data source provider; and

means for compiling data for said mobile rich media information system using said aggregated information preferences.

10. The method of claim 9 further comprising:

means for separating said information preferences according to one of a plurality of rich media channels offered by said mobile rich media information system.

11. The method of claim 10 wherein said transmitting comprises:

means for transmitting said aggregate preference to said at least one data source provider responsible for providing said data for said one of said plurality of rich channels.

12. The method of claim 9 further comprising:

means for transmitting said compiled data to said mobile rich media information system; and

means for sending subscriber-specific channel data streams to each one of said plurality of subscribers according to said information preferences entered by individual ones of said plurality of subscribers.

13. The method of claim 12 further comprising:

means for determining which of said plurality of subscribers are connected to said mobile rich media information system; and

wherein said means for sending comprises:

means for sending subscriber-specific channel data streams to connected ones of said plurality of subscribers.

14. The method of claim 12 further comprising:
means for determining a bandwidth limitation assigned to each of said plurality of subscribers; and

wherein said means for sending comprises:

means for sending subscriber-specific channel data streams to ones of said plurality of subscribers whose bandwidth limitation has not been exceeded.

15. The method of claim 9 wherein said compiled data is formatted into a data document, wherein said data document is created from a data-descriptive meta-language.

16. The method of claim 15 wherein said data document is obtained by one of:
means for polling a Web site containing a formatted data document;
means for polling a data server containing an unformatted data document, wherein an data style layout transform is used to transform said unformatted data document into a formatted data document;

means for using a library resource to push said data document to said mobile rich media information system; and

means for running a data development server to:

gather data from said data source provider;

convert said data into said data document; and

transmit said data document to said mobile rich media information system.

17. A computer program product having a computer readable medium with computer program logic recorded thereon for developing information for a mobile information system, said computer program product comprising:

code for receiving one or more preferences from a plurality of subscribers to said mobile information system;

code for assembling an aggregate preference;

code for transmitting said aggregate preference to at least one information source providers; and

code for compiling information for said mobile information system using said aggregate preference.

18. The computer program product of claim 17 further comprising:

code for separating said one or more preferences according to one of a plurality of channels subscribed to by said plurality of subscribers.

19. The computer program product of claim 18 wherein said code for transmitting comprises:

code for transmitting said aggregate preference to at least one information source providers responsible for providing said information for said one of said plurality of channels.

20. The computer program product of claim 17 further comprising:

code for transmitting said compiled information to said mobile information system; and

code for sending subscriber-specific channel data streams to each one of said plurality of subscribers according to said one or more preferences entered by individual ones of said plurality of subscribers.

21. The computer program product of claim 20 further comprising:

code for determining which ones of said plurality of subscribers have an open session with said mobile information system; and

wherein said code for sending comprises:

code for sending subscriber-specific channel data streams to connected ones of said plurality of subscribers determined to have said open connection.

22. The computer program product of claim 20 further comprising:
code for determining a bandwidth limitation for each of said plurality of subscribers; and
wherein said code for sending comprises:

code for sending subscriber-specific channel data streams to ones of said plurality of subscribers having available bandwidth within said determined bandwidth limitation.

23. The computer program product of claim 17 wherein said information is contained in a information document, wherein said information document is created from a data-descriptive meta-language.

24. The computer program product of claim 23 wherein said information document is obtained by one of:

code for polling a Web site containing a formatted information document;

code for polling a information server containing an unformatted information document, wherein an data style layout transform is used to transform said unformatted information document into a formatted information document;

code for using a library resource to push said information document to said mobile information system; and

code for running a information development server to:

gather information from said information source provider;

convert said information into said information document; and

transmit said information document to said mobile information system.